In the Claims

Claims pending

- At time of the Action: claims 1 and 3-14.
- After this Response: claims 1 and 3-20.

Currently canceled claims: none.

Previously canceled claims: claim 2.

New claims: claims 15-20.

Currently amended claims: claim 1.

1. (**Currently Amended**) An apparatus comprising:

memory; and

logic operatively coupled to the memory and operatively configurable to access multimedia content from a medium, the logic providing a multimedia navigator program, a control application programming interface (API) and an information API, the control and information APIs being configured to respond to flags that selectively determine if at least one operation will be conducted, the operation being selected from a group of operations that includes a player-navigator synchronization operation, a selective interactive user operation, and a read/write register operation, the player-navigator synchronization operation comprising:

causing a multimedia player application to output a request command to the navigator program; [[and]]

causing the multimedia navigator program to subsequently return to the player application: (i) an event identifier notifying the multimedia player application when the requested command is completed and (ii) a status result indicating whether the requested command succeeded or failed, such that the multimedia player application is able to track the event identifier to the requested command output by the player application facilitating multiple instance tracking; and

notifying the player application, by returning a canceled request command message from the multimedia navigator program, of every request command that is canceled by the multimedia content or by user action.

2. (**Previously Canceled**).

3. (**Previously Presented**) The apparatus as recited in Claim 1, wherein the request command and the event identifier are both communicated via at least one application programming interface (API) operatively associated with the navigator program.

4. (**Original**) The apparatus as recited in Claim 3, wherein the API is further configured to respond to at least one flag value that is selectively set by the player

application to identify that the event identifier and status result should be returned upon commencement, completion or cancellation of the requested command.

5. (**Previously Presented**) The apparatus as recited in Claim 1, wherein the navigator program is configured to operatively access multimedia information in response to the request command.

6. (**Original**) The apparatus as recited in Claim 5, wherein the multimedia information includes digital versatile disc (DVD) formatted content

7. (**Original**) The apparatus as recited in Claim 1, wherein the memory provides at least one register and the selective interactive user operation causes a multimedia player application to write data to at least one register that is operatively associated with a multimedia navigator program and allows at least one program defined within the multimedia content to read the at least one register.

8. (**Original**) The apparatus as recited in Claim 7, wherein the data includes a code, and the at least one program responds to the code by allowing at least a portion of a remaining multimedia content to be accessed.

9. (**Original**) The apparatus as recited in Claim 7, wherein the multimedia content includes digital versatile disc (DVD) formatted content.

10. (**Original**) The apparatus as recited in Claim 9, wherein the data includes precise playback information associated with the DVD formatted content.

11. (**Original**) The apparatus as recited in Claim 10, wherein the precise playback information includes a title, a start time and an end time.

12. (**Original**) The apparatus as recited in Claim 8, wherein the multimedia player application writes the data to the at least one register via at least one application programming interface (API) operatively associated with the multimedia navigator program.

13. (**Previously Presented**) The apparatus as recited in Claim 1, wherein the event identifier comprises a unit identifier corresponding to each request command received from the multimedia player application.

14. (**Previously Presented**) The apparatus of Claim 1, wherein the player-navigator synchronization operation further comprising generating a bookmark to encode and store the current state of the multimedia playback.

15. (**New**) The apparatus of Claim 1 further comprising notifying the player application, by returning a canceled request command message from the multimedia navigator program, of every request command that is overridden by the multimedia content or by user action.

16. (**New**) The apparatus of Claim 14, wherein the current state of the multimedia playback includes digital versatile disc (DVD) formatted content.

17. (**New**) The apparatus of Claim 16, wherein the bookmark contains at least the following information:

a substantially unique disc identifier;

an address and resume information of the current DVD;

a loop count and a shuffle history;

a general parameter value and a system parameter value of the current DVD; and

a domain and phase of the current DVD.

18. (**New**) The apparatus of Claim 17, wherein a unique identifier of the current DVD is generated by computing a 64-bit CRC of a binary representation of a file header and file contents in a DVD VIDEO_TS directory.

19. (**New**) The apparatus of Claim 18, wherein the DVD navigator compares the unique identifier of the current DVD with the unique identifier of the bookmark to ensure data compatibility.

20. (**New**) The apparatus of Claim 14, wherein the bookmark is stored in either short term memory storage or long term storage and can be restored even after the player application has been shutdown or restarted.